

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: April 30, 2001, 03:22:50 ; Search time 246.83 Seconds
(without alignments)
6972.359 Million cell updates/sec

Title: US-09-633-300-1
Perfect score: 2948
Sequence: 1 agagattgcatacgcctcc.....tccccctgaactraaamya 2948

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 678276 seqs, 291890651 residues

Total number of hits satisfying chosen parameters: 1356552

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : N_Geneseq_0401.*
1: /SID52/gcgdata/geneseq/geneseq/NA1980.DAT.*
2: /SID52/gcgdata/geneseq/geneseq/NA1981.DAT.*
3: /SID52/gcgdata/geneseq/geneseq/NA1982.DAT.*
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21: /SID52/gcgdata/geneseq/geneseq/NA2000.DAT.*
22: /SID52/gcgdata/geneseq/geneseq/NA2001.DAT.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2346	79.6	2412	20	Human PRO382 nucle
2	2346	79.6	2412	20	Human PRO382 (UNO3
3	2337.2	79.3	2413	21	Tumour associated
4	2196.2	74.5	2544	21	Tumour associated
5	1626.4	55.2	1697	21	Human cancer assoc
6	1283.8	43.5	1394	21	Human serine prote
7	323.6	11.0	337	22	Human breast cance
8	234.4	8.0	80240	20	NC-contig derived
9	232.4	7.9	119950	20	Human yesi gene.
10	230.4	7.8	54548	21	DNA sequence of th
11	230	7.8	80595	20	HC-contig derived

C 12	229.4	7.8	50000	21	A64140	Nucleotide sequenc
C 13	229.2	7.8	1413	21	D00684	Human Hydrolase pr
C 14	227.8	7.7	17327	14	O44278	Serglycin - proteo
C 15	227.6	7.7	26864	21	A60207	Human prostate can
C 16	227.4	7.7	1277	22	F33037	Human secreted pro
C 17	227.4	7.7	3234	16	Q92781	Human thymopoietin
C 18	227.2	7.7	121162	21	C66548	Human kinesin-like
C 19	226.8	7.7	121162	21	C66548	Human kinesin-like
C 20	225.6	7.7	1296	19	V29031	Human protein comp
C 21	225.6	7.7	1479	21	Z87786	Human tumour suppr
C 22	225.4	7.6	743	8	N70812	Sequence encoding
C 23	225.2	7.6	8966	20	Z09581	Human Apo A1 genom
C 24	225	7.6	1738	21	Z29636	Human Z0P1F12-GTC2
C 25	225	7.6	3074	21	C76994	Human ORFX ORF2549
C 26	224.8	7.6	22481	17	T11658	PEDF full length s
C 27	224.8	7.6	78925	21	C89888	Human FN gene. Ho
C 28	224.6	7.6	122186	22	C89560	Human histone deac
C 29	224.2	7.6	1264	20	V08832	Gene No. 22 encodi
C 30	223.6	7.6	2932	13	Q25388	TXA2 receptor gene
C 31	223.6	7.6	2932	20	Z32161	Human thromboxane
C 32	223.6	7.6	2932	20	Z32162	Human endothelial
C 33	223.4	7.6	2411	20	Z08860	Human brain G-prot
C 34	223.4	7.6	3245	21	A08803	Androgen-inducible
C 35	223.2	7.6	87350	18	X83003	Human WRN genomic
C 36	223	7.6	4067	21	A95823	Human metalloprote
C 37	223	7.6	11820	21	A95944	Human KLK-L5 gene.
C 38	222.8	7.6	11820	21	A95944	Human KLK-L5 gene.
C 39	222.8	7.6	13865	19	V40401	Human tissue facto
C 40	222.8	7.6	13865	20	Z32165	Human cholesterol
C 41	222.4	7.5	452	17	T42809	Polymorphic locus
C 42	222.4	7.5	30967	17	T32454	Calpain large subu
C 43	222.4	7.5	72604	20	Z10752	Genomic sequence o
C 44	222	7.5	50000	21	A96364	Polymorphic repeat
C 45	221.6	7.5	812	21	C74416	Human secreted pro

ALIGNMENTS

RESULT	1
233949	
ID	233949 standard; CDNA; 2412 BP.
XX	
AC	233949;
XX	
DT	07-DEC-1999 (first entry)
XX	
DE	Human PRO382 nucleotide sequence.
XX	
KW	Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;
KW	probe; blood coagulation disorder; cancer; cellular adhesion disorder;
KW	secreted protein; transmembrane protein; ss.
XX	
OS	Homo sapiens.
XX	
PN	WO9946281-A2.
XX	
PD	16-SEP-1999.
XX	
PF	08-MAR-1999; 99WO-US05028.
XX	
PR	10-MAR-1998; 98US-0077450.
PR	11-MAR-1998; 98US-0077632.
PR	11-MAR-1998; 98US-0077641.
PR	11-MAR-1998; 98US-0077649.
PR	12-MAR-1998; 98US-0077791.
PR	13-MAR-1998; 98US-0078004.
PR	17-MAR-1998; 98US-0040220.
PR	20-MAR-1998; 98US-0078886.
PR	20-MAR-1998; 98US-0078910.
PR	20-MAR-1998; 98US-0078936.
PR	20-MAR-1998; 98US-0078939.
PR	25-MAR-1998; 98US-0079294.

54

2183	Qy	tgttttttgagatggagctcgtctgtgtgccaggctggagtgagtgcgaaatccc	2242
1740			
1681	Db	tgttttttgaggtggagctcgtctgtgtgccaggctggagtgagtgcgaaatccc	1740
2243	Qy	tgtcactcgagctcgcgttcctgctgtttcaagcagattcttctgctcaggttcccagtt	2302
1741	Db	tgtcactcgagctcgcgttcctgctgtttcaagcagattcttctgctcaggttcccagtt	1800
2303	Qy	agctggaccacaggtgccgcgcacacaccccccaactaaattttgtatttttagtagagac	2362
1801	Db	agctggaccacaggtgccgcgcacacaccccccaactaaattttgtatttttagtagagac	1860
2363	Qy	agggtttcaccatgttgccagcgtgctctcaaacccctgcactcaaatgtagtgcttcgc	2422
1861	Db	agggtttcaccatgttgccagcgtgctctcaaacccctgcactcaaatgtagtgcttcgc	1920
2423	Qy	ttcagctctccacagttgctgggtattacaggcatggtgccaccacgcctagcctcacgctcc	2482
1921	Db	ttcagctctccacagttgctgggtattacaggcatggtgccaccacgcctagcctcacgctcc	1980
2483	Qy	tttctgatcttcaataagacaaagaagcagcagaacttgcgaaggcggtctttccacttg	2542
1981	Db	tttctgatcttcaataagacaaagaagcagcagaacttgcgaaggcggtctttccacttg	2040
2543	Qy	gtccatctggttttctctccagggtcttgcaaaattcctgcagcagataagcagtttatgt	2602
2041	Db	gtccatctggttttctctccagggtcttgcaaaattcctgcagcagataagcagtttatgt	2099
2603	Qy	gaactcacgtgcgaagccacaaacagccactcagaaaagcagcaccagccaggaagtgc	2662
2100	Db	gaactcacgtgcgaagccacaaacagccactcagaaaagcagcaccagccaggaagtgc	2159
2663	Qy	gaactgcagtcactgcaogttttoaactctatggaaccagacaaacccaccctttctac	2722
2160	Db	gaactgcagtcactgcaogttttoaactctatggaaccagacaaacccaccctttctac	2219
2723	Qy	ttccaagactttttcacatgtggggagggttaactcaggaatgaactcgtttaaggccta	2782
2220	Db	ttccaagactttttcacatgtggggagggttaactcaggaatgaactcgtttaaggccta	2279
2783	Qy	ttttcatgattttcttgtagcatgttggtgcttgacgtattattgcttttgattccaaat	2842
2280	Db	ttttcatgattttcttgtagcatgttggtgcttgacgtattattgcttttgattccaaat	2339
2843	Qy	aatatgtttcctctccctcaatwr	2864
2340	Db	aatatgtttcctctccctcaatwr	2361

RESULT	2	
C78475		
ID	C78475	standard; cDNA; 2412 BP.
XX		
AC	C78475;	
XX		
DT	08-FEB-2001	(first entry)
XX		
DE	Human PRO382	(UNQ323) nucleotide sequence SEQ ID NO:68.
XX		
DE	Human;	secreted protein; transmembrane protein; PRO; EST; cytostatic;
XX		
KW	expressed sequence tag;	detection; cancer; ss.
XX		
XX	Homo sapiens.	
OS		
XX		
PN	WO200053756-A2.	
XX		
PD	14-SEP-2000.	
XX		
PF	18-FEB-2000;	2000WO-US04341.
XX		
XX	08-MAR-1999;	99WO-US05028.
PR	12-MAR-1999;	99US-0123957.
PR		

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: April 30, 2001, 05:56:59 ; Search time 246.83 Seconds
(without alignments)

3214.191 Million cell updates/sec

Title: US-09-633-300-3

Perfect score: 1359

Sequence: 1 atgggggaaatgatcgcc.....tggagagagacctaataacc 1359

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 678276 seqs, 291890651 residues

Total number of hits satisfying chosen parameters: 1356552

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

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16: /SID52/gcgdata/geneseq/geneseq/NA1995.DAT.*
17: /SID52/gcgdata/geneseq/geneseq/NA1996.DAT.*
18: /SID52/gcgdata/geneseq/geneseq/NA1997.DAT.*
19: /SID52/gcgdata/geneseq/geneseq/NA1998.DAT.*
20: /SID52/gcgdata/geneseq/geneseq/NA1999.DAT.*
21: /SID52/gcgdata/geneseq/geneseq/NA2000.DAT.*
22: /SID52/gcgdata/geneseq/geneseq/NA2001.DAT.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	1359	100.0	2412	20	Human PRO382 nucle
2	1359	100.0	2412	21	Human PRO382 (UNQ3
3	1326.4	97.6	2413	21	Tumour associated
4	1185.4	87.2	2544	21	Tumour associated
5	1086	79.9	1394	21	Human serine prote
6	721	53.1	1697	21	Human cancer assoc
7	225.6	16.6	1479	21	Human tumour suppl
8	225	16.6	1738	21	Human 20P12-GTC2
9	223.4	16.4	3245	21	Androgen-inducible
10	220.2	16.2	2479	21	Ovrl15 homolog pro
11	220.2	16.2	2479	21	Human tumour suppl

12	220.2	16.2	3966	21	C83325
13	215.6	15.9	3443	21	295005
14	213.2	15.7	1076	21	A12975
15	184.4	14.3	2190	21	A39073
16	191.2	14.1	2265	21	A61663
17	178.8	13.2	1222	21	D02322
18	158	11.6	1685	21	A61660
19	157.4	11.6	2038	20	X87154
20	157.4	11.6	2063	21	A37099
21	157.2	11.6	174	21	A93844
22	157	11.6	2068	21	A61661
23	157	11.6	2070	21	A61662
24	156.6	11.5	717	21	A61659
25	149.8	11.0	2070	21	290471
26	141.8	10.7	699	18	T79127
27	141.2	10.4	1281	21	A97361
28	137	10.1	328	21	A93845
29	131.8	9.7	1605	20	Z31883
30	131.8	9.7	1605	20	X15134
31	124.4	9.2	970	15	O63945
32	124.4	9.2	2033	15	O63951
33	119.6	8.8	828	21	A07168
34	118	8.7	2756	21	C77957
35	118	8.7	2955	21	A88492
36	118	8.7	3147	20	X87815
37	118	8.7	3149	21	A88493
38	118	8.7	3159	21	A37657
39	117.8	8.7	723	18	T79128
40	117.8	8.7	1008	20	X04381
41	117.6	8.7	1128	19	V44330
42	117.6	8.7	1128	19	V42712
43	117.6	8.7	1143	21	F21077
44	117.6	8.7	1143	21	A34955
45	117.6	8.7	1145	21	F21078

ALIGNMENTS

RESULT 1

Z33949 ID Z33949 standard; cDNA; 2412 BP.

XX AC Z33949;

XX DT 07-DEC-1999 (first entry)

XX DE Human PRO382 nucleotide sequence.

XX KW Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;
XX KW probe; blood coagulation disorder; cancer; cellular adhesion disorder;
XX KW secreted protein; transmembrane protein; ss.

XX OS Homo sapiens.

XX PN WO946281-A2.

XX PD 16-SEP-1999.

XX PF 08-MAR-1999; 99WO-US05028.

XX PR 10-MAR-1998; 98US-0077450.

XX PR 11-MAR-1998; 98US-0077632.

XX PR 11-MAR-1998; 98US-0077641.

XX PR 12-MAR-1998; 98US-0077791.

XX PR 13-MAR-1998; 98US-0078004.

XX PR 17-MAR-1998; 98US-0040220.

XX PR 20-MAR-1998; 98US-0078886.

XX PR 20-MAR-1998; 98US-0078910.

XX PR 20-MAR-1998; 98US-0078936.

XX PR 23-MAR-1998; 98US-0079294.

PR 26-MAR-1998; 98US-0079656.
PR 27-MAR-1998; 98US-0079663.
PR 27-MAR-1998; 98US-0079664.
PR 27-MAR-1998; 98US-0079689.
PR 27-MAR-1998; 98US-0079728.
PR 30-MAR-1998; 98US-0079786.
PR 30-MAR-1998; 98US-0079920.
PR 30-MAR-1998; 98US-0079923.
PR 31-MAR-1998; 98US-0080105.
PR 31-MAR-1998; 98US-0080107.
PR 31-MAR-1998; 98US-0080165.
PR 31-MAR-1998; 98US-0080194.
PR 01-APR-1998; 98US-0080327.
PR 01-APR-1998; 98US-0080328.
PR 01-APR-1998; 98US-0080333.
PR 01-APR-1998; 98US-0080334.
PR 08-APR-1998; 98US-0081049.
PR 08-APR-1998; 98US-0081070.
PR 08-APR-1998; 98US-0081071.
PR 09-APR-1998; 98US-0081195.
PR 09-APR-1998; 98US-0081203.
PR 09-APR-1998; 98US-0081229.
PR 15-APR-1998; 98US-0081817.
PR 15-APR-1998; 98US-0081838.
PR 15-APR-1998; 98US-0081952.
PR 15-APR-1998; 98US-0081955.
PR 21-APR-1998; 98US-0082568.
PR 21-APR-1998; 98US-0082569.
PR 22-APR-1998; 98US-0082700.
PR 22-APR-1998; 98US-0082704.
PR 22-APR-1998; 98US-0082804.
PR 23-APR-1998; 98US-0082767.
PR 23-APR-1998; 98US-0082796.
PR 27-APR-1998; 98US-0083336.
PR 28-APR-1998; 98US-0083322.
PR 29-APR-1998; 98US-0083392.
PR 29-APR-1998; 98US-0083435.
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PR 29-APR-1998; 98US-0083554.
PR 29-APR-1998; 98US-0083558.
PR 29-APR-1998; 98US-0083559.
PR 30-APR-1998; 98US-0083742.
PR 05-MAY-1998; 98US-0084366.
PR 06-MAY-1998; 98US-0084414.
PR 06-MAY-1998; 98US-0084441.
PR 07-MAY-1998; 98US-0084598.
PR 07-MAY-1998; 98US-0084600.
PR 07-MAY-1998; 98US-0084627.
PR 07-MAY-1998; 98US-0084637.
PR 07-MAY-1998; 98US-0084639.
PR 07-MAY-1998; 98US-0084640.
PR 13-MAY-1998; 98US-0085323.
PR 13-MAY-1998; 98US-0085338.
PR 13-MAY-1998; 98US-0085339.
PR 15-MAY-1998; 98US-0085573.
PR 15-MAY-1998; 98US-0085579.
PR 15-MAY-1998; 98US-0085580.
PR 15-MAY-1998; 98US-0085582.
PR 15-MAY-1998; 98US-0085689.
PR 15-MAY-1998; 98US-0085697.
PR 15-MAY-1998; 98US-0085700.
PR 15-MAY-1998; 98US-0086023.
PR 18-MAY-1998; 98US-0086032.
PR 22-MAY-1998; 98US-0086392.
PR 22-MAY-1998; 98US-0086414.
PR 22-MAY-1998; 98US-0086430.
PR 22-MAY-1998; 98US-0086486.
PR 28-MAY-1998; 98US-0087098.
PR 28-MAY-1998; 98US-0087106.

PR 28-MAR-1998; 98US-0087208.
PR 30-JUL-1998; 98US-0094651.
PR 11-SEP-1998; 98US-0100038.
XX (GETH) GENENTECH INC.
XX Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;
XX WPI; 1999-551358/46.
XX P-PSDB; Y41694.
XX New secreted and transmembrane polypeptides and their polynucleotides,
XX useful for treating blood coagulation disorders, cancers and cellular
XX adhesion disorders
XX Claim 2; Fig 27; 530pp: English.
XX The present invention describes secreted and transmembrane polypeptides
XX and their polynucleotides. The nucleotide sequences are useful as
XX sources of probes, primers, for chromosome mapping, and for generation
XX of antisense sequences. They can also be used to create transgenic
XX animals. The proteins can be used to treat a variety of diseases and
XX disorders, depending on their function. Diseases that may be treated
XX include blood coagulation disorders, cancers and cellular adhesion
XX disorders. They may also be used to raise antibodies. 233891 to
XX 234338, and Y41685 to Y41774 represent polynucleotide and polypeptide
XX sequence given in the exemplification of the present invention.
SQ Sequence 2412 BP; 529 A; 648 C; 643 G; 592 T; 0 other;

Query Match 100.0%; Score 1359; DB 20; Length 2412;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1359; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 atgggggaaatgatccgcctgctgtgttgaaagccccccttctcattccgagtccttttggc 60
Db 126 atgggggaaatgatccgcctgctgtgttgaaagccccccttctcattccgagtccttttggc 185
Qy 61 ctgtgatattgaaataaagccctgtgtgacccagatcagatgctgtgtgtgcacagatc 120
Db 186 ctgtgatattgaaataaagccctgtgtgacccagatcagatgctgtgtgtgcacagatc 245
Qy 121 ctgtcactgtgccattgaaatgtttttcccaatcatcgtcattgggacattgcattgata 180
Db 246 ctgtcactgtgccattgaaatgtttttcccaatcatcgtcattgggacattgcattgata 305
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Qy 241 tcatcctttaagtattatcagatcagatcagatcagatcagatcagatcagatcagatcagatc 300
Db 366 tcatcctttaagtattatcagatcagatcagatcagatcagatcagatcagatcagatcagatc 425
Qy 301 ggggagagacagatcaccgctgtgtccgggtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 360
Db 426 ggggagagacagatcaccgctgtgtccgggtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgt 485
Qy 361 acagctgtcttctgtgaaagaccatgtgtcccgatgactggaaggggtcactacgcaaatgtt 420
Db 486 acagctgtcttctgtgaaagaccatgtgtcccgatgactggaaggggtcactacgcaaatgtt 545
Qy 421 gcctgtgtcccaactgggttttcccaagctatgtgagttcagataaacctcagatgagctgcg 480
Db 546 gcctgtgtcccaactgggttttcccaagctatgtgagttcagataaacctcagatgagctgcg 605
Qy 481 ctggaggggacagttcccgaggaggtttgtccatcgatcagatcaccctcagatgagctgcg 540
Db 606 ctggaggggacagttcccgaggaggtttgtccatcgatcagatcaccctcagatgagctgcg 665
Qy 541 gtgactgattacaccactcagatcagatcagatcagatcagatcagatcagatcagatcagatc 600

